

Lyophilization Cycle

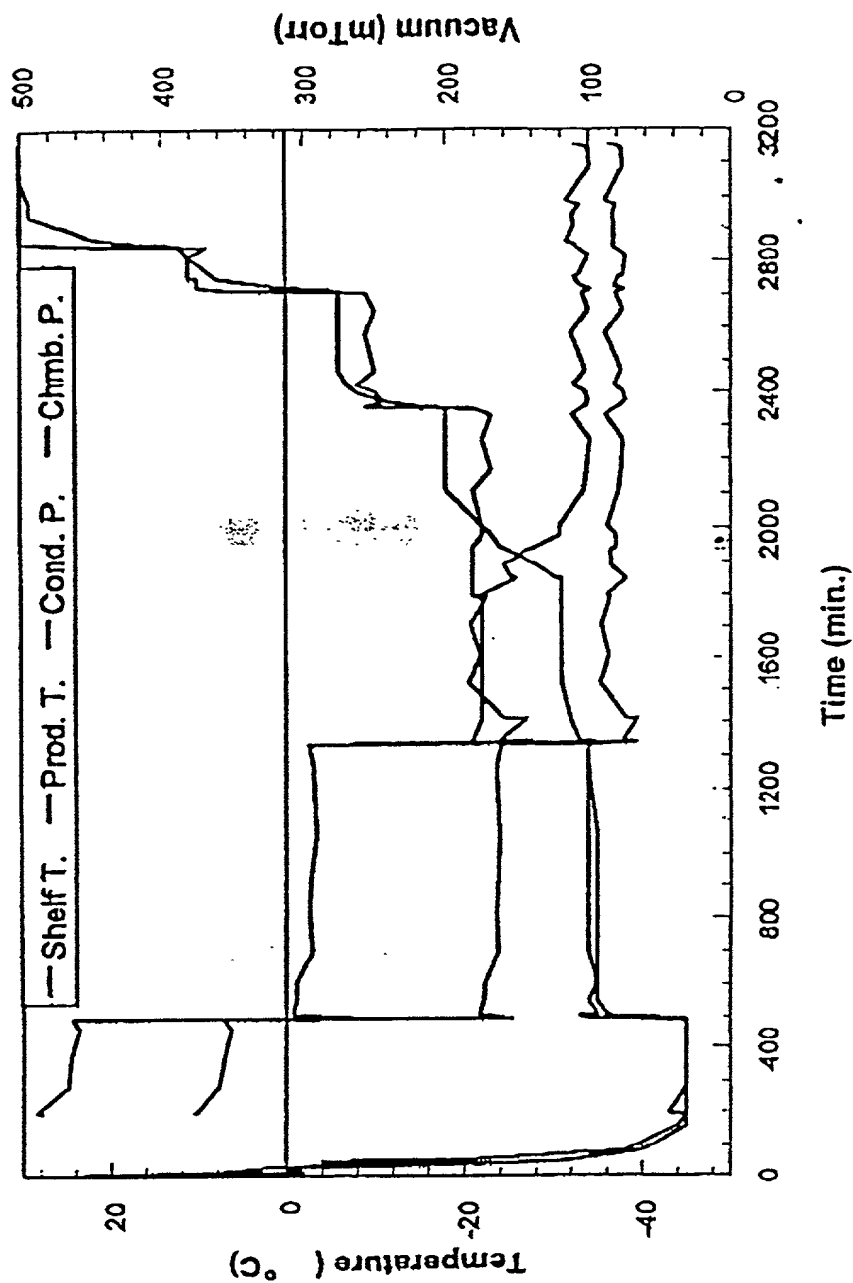


FIG. 1

Residual Moisture of Lyophilized Adenoviral Vector during Storage

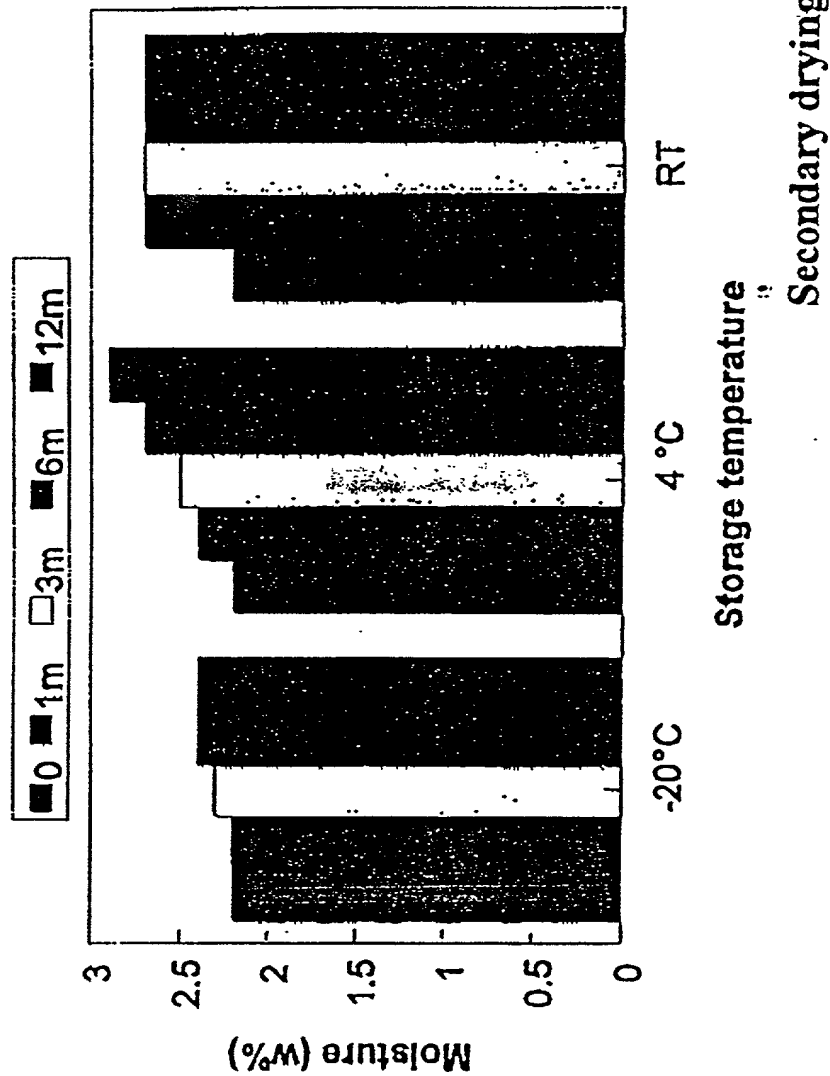


FIG. 2

Stability of Lyophilized Adenoviral Vector during Storage

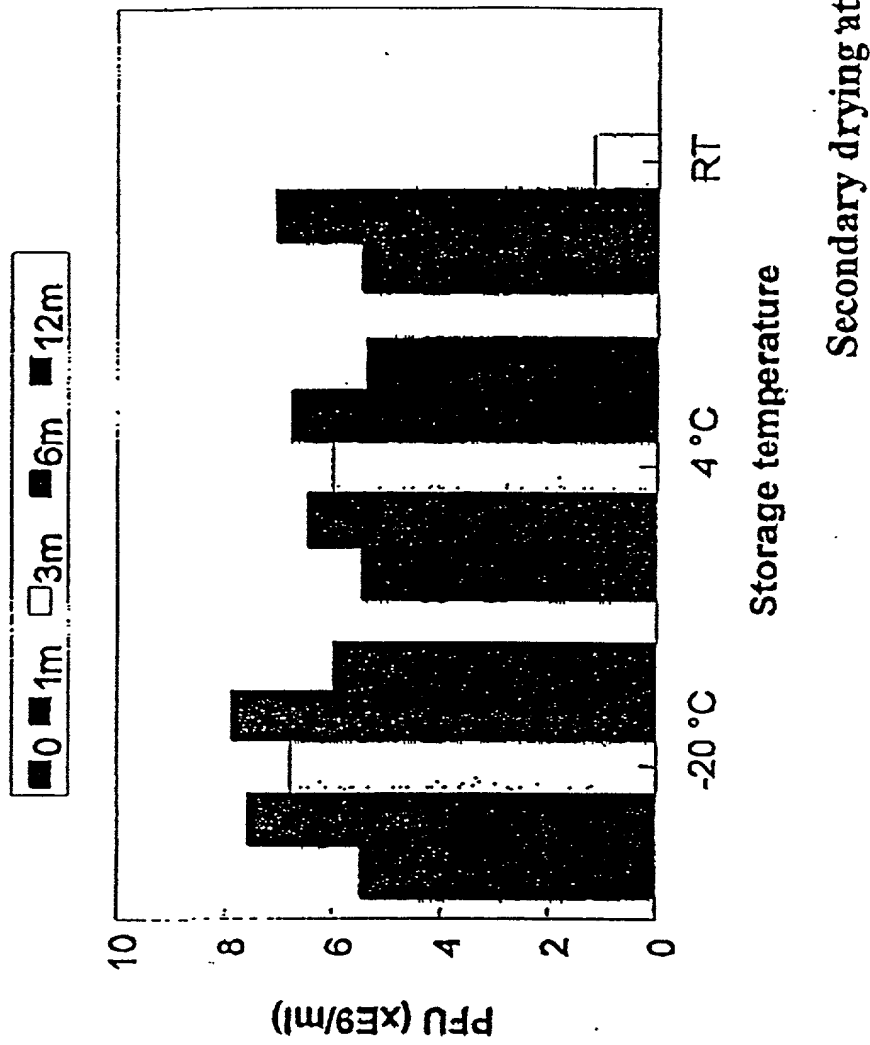


FIG. 3

Residual Moisture of Lyophilized Adenoviral Vector during Storage

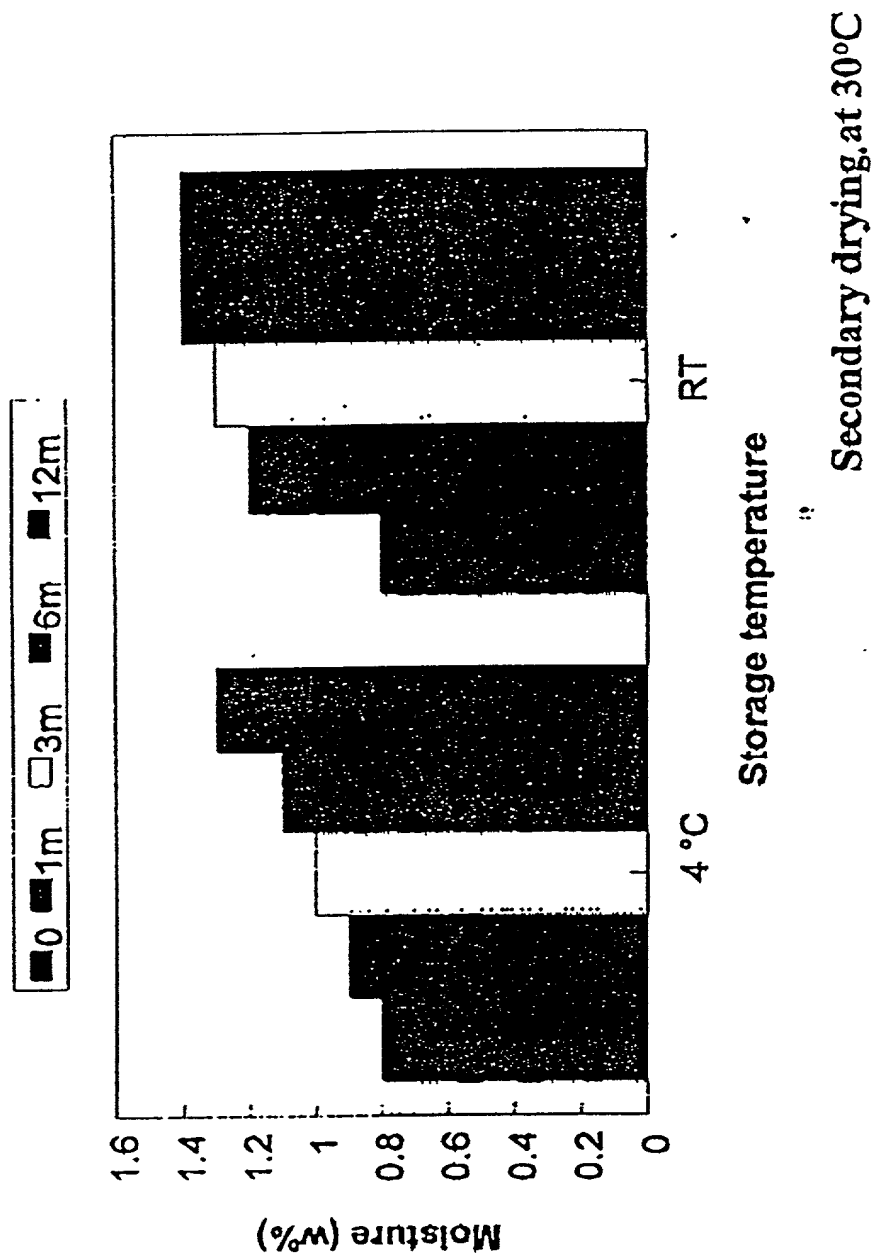


FIG. 4

Stability of Lyophilized Adenoviral Vector during Storage

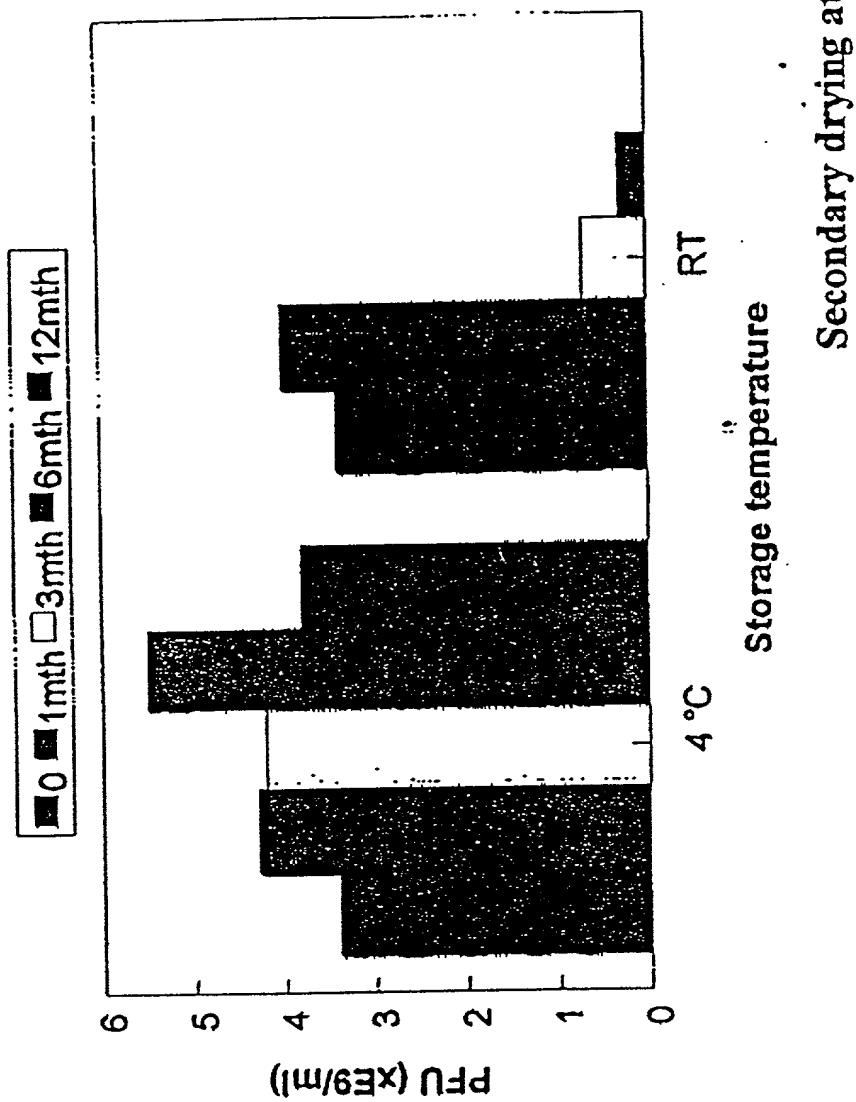


FIG. 5

HPLC Analysis of Lyophilized Adenoviral Vector Stored at RT

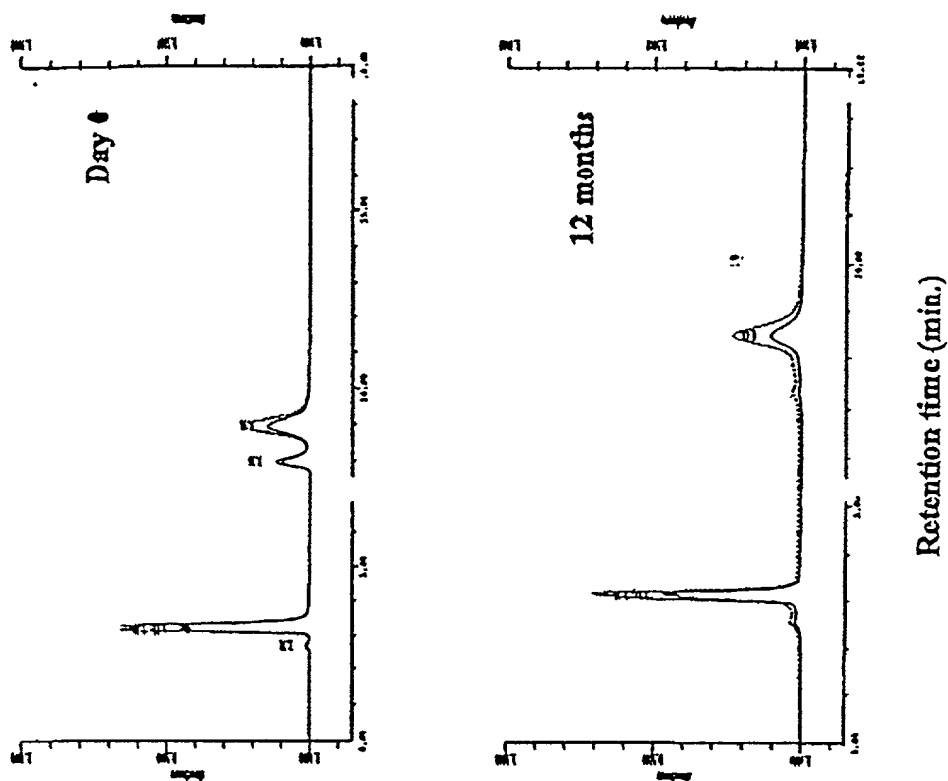
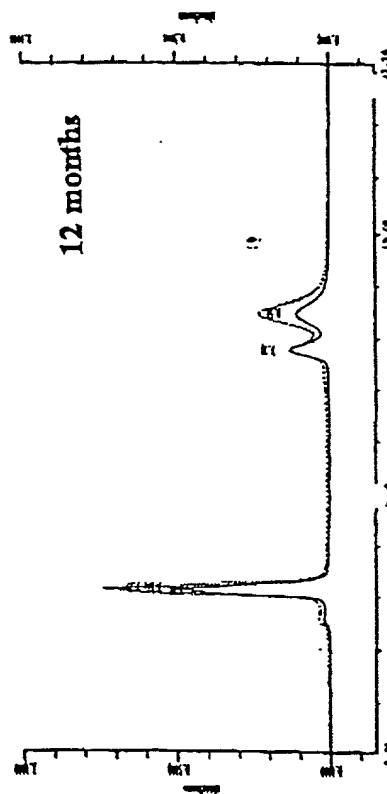


FIG. 6

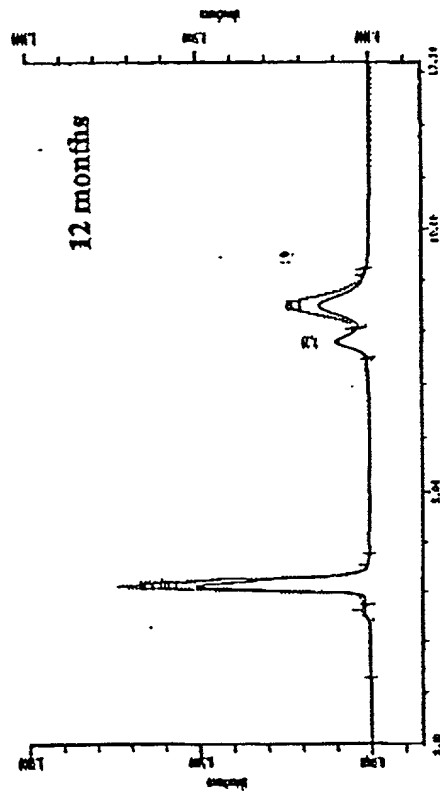
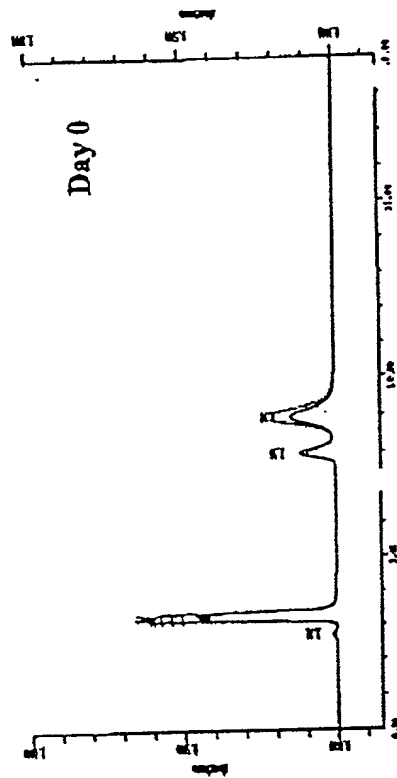
HPLC Analysis of Lyophilized Adenoviral Vector Stored at 4°C



Retention time (min.)

FIG. 7

HPLC Analysis of Lyophilized Adenoviral Vector Stored at -20°C

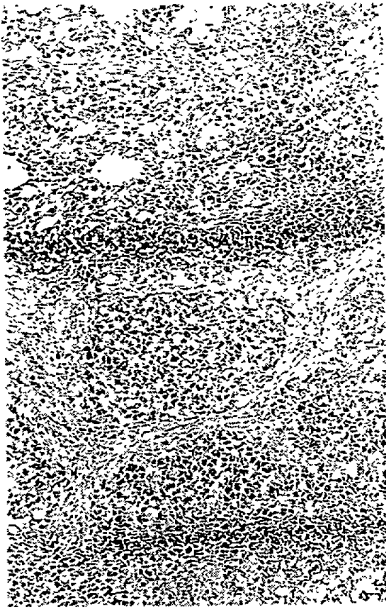


Retention time (min.)

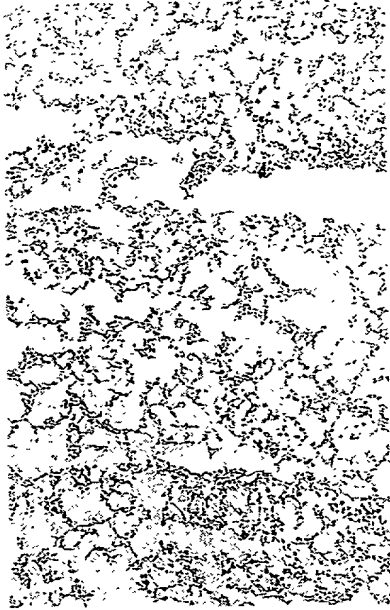
FIG. 8

Ad- β gal in PBS/glycerol

Tumor periphery



Tumor Center



Ad- β gal in PBS/glycerol + 5% DMSO



Injection 2×10^{10} vp

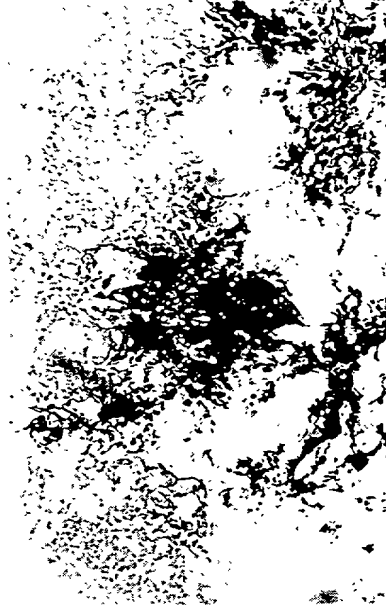
Fig. 2A

Ad- β gal in PBS/glycerol

Tumor periphery



Tumor Center



Ad- β gal in PBS/glycerol + 5% DMSO



Injection 2×10^{10} vp

Fig. 9 B